

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	27	rate near2 cam near2 angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/19 09:27
L2	4855	(123/90.15,90.17,90.31).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/19 09:28
L3	0	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/19 09:28
L4	1	cam adj phase adj velocity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/19 09:29
L5	647	cam near velocity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/19 09:29
L6	11	2 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/19 09:30
L7	5830	velocity near2 error	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/19 09:30
L8	1	7 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/19 09:30
L9	2	("5289805").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/19 09:32
S1	0	pfeiffer-jeffrey.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/28 13:54

## EAST Search History

S2	0	grewal-amanpal.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/19 09:27
S3	2	mckay-daniel.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/28 13:55
S4	33177	rate near2 response	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/28 13:55
S5	4832	(123/90.15,90.17,90.31).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/19 09:28
S6	43	S4 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/28 13:55
S7	24841389	@ad<"20030923"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 13:24
S8	34	S6 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/28 14:24
S9	18584	adaptive near2 control	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/28 14:25
S10	16	S5 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/28 14:25
S11	10	S7 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/28 14:25

## EAST Search History

S12	33336	rate near2 response	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 08:22
S13	4850	(123/90.15,90.17,90.31).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/13 08:23
S14	43	S12 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 08:23
S15	24847019	@ad<"20030923"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 08:24
S16	34	S14 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 08:27
S17	464	S12 with gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 08:27
S18	10	S17 with adaptiv\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 08:27
S19	5	S15 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:00
S20	13	S12 with pid with gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:01
S21	5	S20 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:03

## EAST Search History

S22	759	S12 with threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:03
S23	28	S22 with gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:04
S24	23	S23 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:05
S25	9414	adaptive adj control	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:06
S26	12	S13 and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:06
S27	7	S15 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:07
S28	114	pid and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:08
S29	76	S28 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:08
S30	4	S29 and adaptive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:08
S31	4	S29 and adaptiv\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:09

## EAST Search History

S32	56874	rate near4 response	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:09
S33	69	S32 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:09
S34	53	S33 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:11
S35	19	S34 not S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:14
S36	34995	response adj speed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:14
S37	73	S36 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:14
S38	49	S37 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:15
S39	5	S38 and gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:22
S40	8429	gain with adaptiv\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:22
S41	858	S40 with response	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:22

## EAST Search History

S42	104	S41 with (speed rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:22
S43	77	S42 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:23
S44	11526	response adj rate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:57
S45	154	S44 with gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:57
S46	2	S45 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:57
S47	2	S46 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 09:59
S48	95	S45 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:02
S49	7	S48 and pid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:03
S50	26633	control adj gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:03
S51	349	S50 with adaptiv\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:03

## EAST Search History

S52	0	S51 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:04
S53	8428	gain with adaptiv\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:04
S54	14	S53 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:04
S55	4	S54 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:06
S56	3438	S13 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:06
S57	199	S56 and gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:06
S58	77	S57 and adapt\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:07
S59	20094	gain with adapt\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:07
S60	8	S59 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:07
S61	40064	adjust\$3 near2 gains	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:13

## EAST Search History

S62	40064	adjust\$3 near2 gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:14
S63	28	S62 with S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:14
S64	17	S63 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:16
S65	4507	gain with response with (speed rate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:16
S66	6	S65 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:17
S67	4	S66 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:57
S68	740	compar\$4 near2 rate near2 response	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:58
S69	0	S68 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:57
S70	6564	compar\$4 with rate with response	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:58
S71	2	S70 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 10:58



## EAST Search History

S72	2351815	response	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 13:24
S73	446	S72 with cam with phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 13:24
S74	20	S73 with rate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 13:24
S75	24847019	@ad<"20030923"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 13:25
S76	7	S74 and S75	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 13:33
S77	39891	gain with response	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 13:33
S78	4850	(123/90.15,90.17,90.31).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/13 13:33
S79	80	S77 and S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 13:33
S80	63	S75 and S79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 14:08
S81	11526	response adj rate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 14:08

## EAST Search History

S82	244	S81 with threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 14:09
S83	0	S82 and S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 14:09
S84	176	S82 and S75	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 14:09
S85	33	S81 near2 threshold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 14:09
S86	18	S85 and S75	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 14:10
S87	31046	gain with predetermined	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 14:11
S88	37	S78 and S87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 14:11
S89	12	S88 and S75	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 14:12
S90	397	S81 with predetermined	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 14:12
S91	0	S90 and S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 14:12

## EAST Search History

S92	900	gain with predetermined with temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 14:13
S93	6	S92 and S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 14:13
S94	1	S93 and S75	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/09/13 14:13
S95	2	("4463714").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/09/14 06:36